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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/714,187
Filing Date	November 14, 2003
First Named Inventor	Khabashesku, et al.
Art Unit	1754
Examiner Name	Unknown
Attorney Docket Number	11321-P058US

Sheet 1 of 5

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SH/		Ijima, et al., "Single-shell carbon nanotubes of 1-nm diameter", 363 Nature (1993), pp. 603-605	
		Wong, et al., "Carbon Nanotube Tips: High-Resolution Probes for Imaging Biological Systems", 120 J. Am. Chem. Soc. (1998), pp. 603-604	
		Yu, et al., "Tensile Loading of Ropes of Single Wall Carbon Nanotubes and Their Mechanical Properties", 84 Phys. Rev. Lett. (2000), pp. 5552-5555	
		Baughman, et al., "Carbon Nanotubes - the Route Toward Applications", 297 Science (2002), pp. 787-792	
		Odom, et al., "Structure and Electronic Properties of Carbon Nanotubes", 104 J. Phys. Chem. (2000), pp. 2794-2809	
		Kong, et al., "Nanotube Molecular Wires as Chemical Sensors", 287 Science (1998), pp. 622-625	
		Rao, et al., "Nanotubes", 2 Chem Phys. Chem. (2001), pp. 78-105	
		Gao, et al., "Fabrication and Electron Field Emission Properties of Carbon Nanotube Films....", 13 Adv. Mater. (2001), pp. 1770-1773	
		Calvert, "A Recipe for Strength", 399 Nature (1999), pp. 210-211	
		Gong, et al., "Surfactant-Assisted Processing of Carbon Nanotube/Polymer Composites", 12 Chem. Mater. (2000), pp. 1049-1052	

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/SH/		Yudasaka, et al., "Effect of an organic polymer in purification and cutting of single-wall carbon nanotubes", 71 Appl. Phys. A (2000), pp. 449-451	
		Vigolo, et al., "Macroscopic Fibers and Ribbons of Oriented Carbon Nanotubes ", 290 Science (2000), pp. 1331-1334	
		Coleman, et al., "Phase Separation of Carbon Nanotubes and Turbostatic Graphite Using" 12 Adv. Mater. (2000), pp. 213-216	
		Chen, et al., "Noncovalent Sidewall Functionalization of Single-Walled Carbon Nanotubes for Protein Immobilization", 123 J. Am. Chem. Soc. (2001), pp. 3838-3839	
		Jin, et al., "Characterization and nonlinear optical properties of a poly(acrylic acid)", 332 Chem. Phys. Lett. (2000), pp. 461-466	
		O'Connell, et al., "Reversible water-solubilization of single-walled carbon nanotubes by polymer wrapping", 342 Chem. Phys. Lett. (2001), pp. 265-271	
		Star, et al., " Preparation and Properties of Polymer-Wrapped Single-Walled Carbon Nanotubes", 40 Angew. Chem. Int. Ed. (2001), pp. 1721-1725	
		Dalton, et al., "Selective Interaction of a Semiconjugated Organic Polymer With Single-Wall Nanotubes", 104 J. Phys. Chem. B (2000), pp. 10012-10016	
		Tang, et al., "Preparation, Alignment, and Optical Properties of Soluble Poly (phenylacetylene)-Wrapped Carbon Nanotubes", 32 Macromolecules (1999). pp. 2569-2576	
✓		Bahr, et al., "Covalent chemistry of single-wall carbon nanotubes", 12 J. Mater. Chem. (2002), pp. 1952-1958	

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		Chen, et al., "Solution Properties of Single-Walled Carbon Nanotubes", 282 Science (1998), pp. 95-98	
		Liu, et al., "Fullerene Pipes", 280 Science (1998), pp. 1253-1256	
		Hamon, et al., "Dissolution of Single-Walled Carbon Nanotubes", 11 Adv. Mater. (1999), pp. 834-840	
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		Sun, et al., "Soluble Dendron-Functionalized Carbon Nanotubes: Preparation, Characterization and Properties", 13 Chem. Mater. (2001), pp. 2864-2869	
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		Mickelson, et al. "Solvation of Fluorinated Single-Wall Carbon Nanotubes in Alcohol Solvents", 103 J. Phys. Chem. B (1999), pp. 4318-4322	
		Boul, et al., "Reversible sidewall functionalization of buckytubes", 310 Chem. Phys. Lett. (1999), pp. 367-372	
↓		Pekker, et al., "Hydrogenation of Carbon Nanotubes and Graphite in Liquid Ammonia", 105 J. Phys. Chem. B (2001), pp. 7938-7943	

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		Bahr, et al., "Highly Functionalized Carbon Nanotubes Using in Situ Generated Diazonium Compounds", 13 Chem. Mater. (2001), pp. 3823-3824	
		Holzinger, et al., "Sidewall Functionalization of Carbon Nanotubes", 40 Angew. Chem. Int. Ed. (2001), pp. 4002-4005	
		Peng, et al., "Sidewall functionalization of single-walled carbon nanotubes with organic peroxides", 362 Chem. Comm. (2003)	
		Georgakilas, et al., "Organic Functionalization of Carbon Nanotubes", 124 J. Am. Chem. Soc. (2001), pp. 760-761	
		Tagmatarchis, et al., "Sidewall functionalization of single-walled carbon nanotubes through electrophilic addition", 2010 Chem. Comm. (2002)	
		Bettinger, et al., "Thermochemistry of Fluorinated Single Wall Carbon Nanotubes ", 123 J. Am. Chem. Soc. (2001), pp. 12849-12856	
		Chiang, et al., "Purification and Characterization of Single-Wall Carbon Nanotubes", 105 J. Phys. Chem. B (2001), pp. 1157-1161	
		Chiang, et al., "Purification and Characterization of Single-Wall Carbon Nanotubes Obtained from the Gas-Phase Decomposition of CO(HiPco Process)", 105 J. Phys. Chem. B (2001), pp. 8297-8301	
↓		Gu, et al., "Cutting Single-Wall Carbon Nanotubes Through Fluorination" , 2 Nano. Lett. (2002), pp. 1009-1013	

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/SH/		Moore, "Amino Acid Analysis: Aqueous Dimethyl Sulfoxide As Solvent for the Ninhydrin Reaction", J. Biol. Chem.(1968), pg. 6281	
/SH/		Lin-Vien, et al., "The Handbook of Infrared and Raman Characteristic Frequencies..", Academic Press Inc. (1999), pg. 299	
/SH/		Khabashesku, et al., "Polymerization of Single-Wall Carbon Nanotubes under High Pressures and High Temperatures", 106 J. Phys. Chem. B (2002), pp. 11155-11162	

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